

INFORMATION DISCLOSURE CITATION <i>(Use several sheets if necessary)</i>	Docket Number (Optional) KYRA-420	Application Number NEW
	Applicant(s) Mark Brunkhart et al.	
	Filing Date HEREWITH	Group Art Unit Unknown

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	*AB	4,860,304	08/22/1989	Mooradian	372	92	02/02/1988
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	*AD	4,928,152	05/22/1990	Gerardin	356	5	02/24/1987
	*AE	5,006,721	04/09/1991	Cameron et al.	250	561	03/23/1990
	*AF	5,110,203	05/05/1992	MacCabee	356	5	08/28/1991
	*AG	5,114,226	05/19/1992	Goodwin et al.	356	5	09/28/1990
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	*AO	5,623,335	04/22/1997	Bamberger	356	5.01	05/04/1995
	*AP	5,638,163	06/10/1997	Nourcier, Jr.	356	5.01	06/07/1995
	*AQ	5,638,164	06/10/1997	Landau	356	5.01	08/09/1995
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	*AZ	C-W. Liao et al., "Surface Approximation of a Cloud of 3D Points," <i>Graphical Models and Image Processing</i> , January 1995, Vol. 57, No. 1, pp. 67-74.
	*BA	A.B. Dobrzeniecki et al., "Interactive and Intuitive Segmentation of Volumetric Data: The Segmentview System and the Kooshball Algorithm," Institute of Electrical and Electronics Engineers, <i>Proceedings of the International Conference on Image Processing (ICIP)</i> , October 23, 1995, Vol. 3, pp. 540-543.
	*BB	J.H. Park et al., "Three-Dimensional Object Representation and Recognition Based on Surface Normal Images," <i>Pattern Recognition</i> , June 1993, Vol. 26, No. 6, pp. 913-921.
<i>PV</i>	*BC	P.F. Hemler et al., "Active Model Matching in Range Images," <i>IEEE International Conference on Robotics and Automation</i> , March 31, 1987, Vol. 1, pp. 228-233.

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PN	*BH	N.S. Raja et al., "Obtaining Generic Parts from Range Images Using a Multi-view Representation," <i>Image Understanding</i> , July 1994, Vol. 60, No. 1, pp. 44-64.
	*BI	S. Tamura et al., "Error Correction in Laser Scanner Three-Dimensional Measurement by Two-Axis Model and Coarse-Fine Parameter Search," <i>Pattern Recognition</i> , March 1994, Vol., 27, No. 3, pp. 331-338.
	*BJ	T. Kanade et al., "A Very Fast VLSI Rangefinder," <i>Proceedings of the 1991 IEEE International Conference on Robotics and Automation</i> , Sacramento, California, April 1991, pp. 1322-1329.
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	*BM	K. Nakazawa et al., "Development of 3-D Robot Vision Sensor with Fiber Grating," <i>IECON '91, 1991 International Conference on Industrial Electronics, Control and Instrumentation</i> , October 28, 1991, Vol. 3, pp. 2368-2372.
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	*CF	K. Määttä et al., "Profiling of hot surfaces by pulsed time-of-flight laser range finder techniques," <i>Applied Optics</i> , Vol. 32, No. 27, 20 September 1993, pp. 5334-5347.
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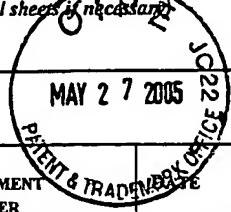
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	*AD	4,928,152	05/22/1990	Gerardin	356	5	02/24/1987
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*AZ	C.W. Liao et al., "Surface Approximation of a Cloud of 3D Points," <i>Graphical Models and Image Processing</i> , January 1995, Vol. 57, No. 1, pp. 67-74.
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*BC	P.F. Hemler et al., "Active Model Matching in Range Images," <i>IEEE International Conference on Robotics and Automation</i> , March 31, 1987, Vol. 1, pp. 228-233.

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	*BI	S. Tamura et al., "Error Correction in Laser Scanner Three-Dimensional Measurement by Two-Axis Model and Coarse-Fine Parameter Search," <i>Pattern Recognition</i> , March 1994, Vol. 27, No. 3, pp. 331-338.
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	*BP	S.-Y. Lu et al., "A New True 3-D Motion Camera System from Lawrence Livermore," <i>Advanced Imaging</i> , July 1995, pp. 51 & 54.
	*BQ	N. Woodbury et al., "Noninvasive Tank Gauging With Frequency-Modulated Laser Ranging," <i>Sensors</i> , September 1993, pp. 27-31.
	*BR	Brochure by Azimuth, "Laser Ranging Systems," including Product Description "LRY 750E," 3/96, 10 pages in length.
	*BS	Brochure by Automated Precision, Inc., "Precision Measurement and Sensing Instruments for Manufacturing," 1996, pp. front cover, 1-15 & back cover.
	*BT	D.S. Schwartz, "Vision Metrology System: An Automated Noncontact Three-Dimensional Measurement System," <i>General Dynamics Corporation</i> , Copyright 1989, 7 pages in length.
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*CG	R.E. Garrett, "Advanced Technology for Blasters," <i>Rock Products</i> , January 1996, pp. 37-42.
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Examiner <i>P. Nguyen</i>	Date Considered <i>9/1/03</i>
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U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE
	CZ						
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FOREIGN PATENT DOCUMENTS

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	DB							
	DC							

OTHER DOCUMENTS

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*DD	R.R. Clark et al., "A Laser Distance Measurement Sensor for Industry and Robotics," <i>Sensors</i> , June 1994, pp. 43-45 and 47.
*DE	Brochure, Photo Modeler, EOS System, 1995, 2 pages in length.
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